

Engineering College

Approved by AICTE

Permanently Affiliated to JNTUK Kakinada

Accredited by NAAC with A+ Grade

Department of Mechanical Engineering

in association with

The Institution of Engineers (India), Students Chapter
(533437/PEC/MC)

Organizes

Guest Talk

on

Machine Learning importance in Agriculture for

III & IV Year Mechanical Students

Date of the Program : 07th June 2025

Time : 06: 00 PM to 08: 00 PM onwards

Meeting will be held through Teams App



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem – 533 437, Near Peddapuram, Kakinada Dist., A.P.
(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC with A+ Grade)
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic year:2025-26

Date: 06.06.2025

CIRCULAR

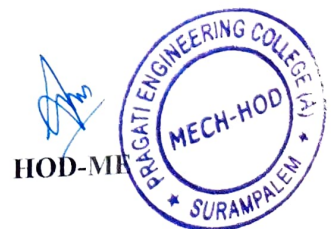
We are happy to inform you that A Guest Talk by industry expert on **Machine Learning importance in Agriculture** is organized by Department of Mechanical Engineering in association with The Institution of Engineers (India), Student Chapter. The Program will be delivered by Speaker Mr. Komuravelli Prashanth, Lead Machine Learning Engineer currently working in Autoalign.ai

Interested Students of all the III & IV Year students can participate in the event as per the Schedule through Teams App.

Teams App link : https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTBkNWQxMzMtZWVlZC00NGEwLTkwMzItMGFjYmIxMGF5MTky%40thread.v2/0?context=%7b%22Tid%22%3a%22377383c2-3be0-4e01-b2c8-8526d5e58adb%22%2c%22Oid%22%3a%2274a93f51-3ea9-4fc6-86c0-0a1b1904d6e8%22%7d

Date & Time of Event : 07th June 2025 from 06:00 PM to 08:00 PM

Venue : Teams app



PRATAP ENGINEERING COLLEGE

(Autonomous)

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DEPARTMENT OF MECHANICAL ENGINEERING

TALK ON MACHINE LEARNING IMPORTANCE IN AGRICULTURE

Dt. 07.06.2025

A talk on Machine Learning importance in Agriculture was organized by Local Institution of Engineers (India) of Mechanical Engineering Department. A total of 52 III Year's were attended for the talk. Participations have shared Teams App link and the link at 06:00 PM and all the II & III Year students were interacted with Mr. Srinath, Lead Machine Learning Engineer currently working in Autoalign.ai and asked about agriculture practices and How Machine learning is intervening in the Agriculture sector to improve it.

Machine Learning (ML) is playing an increasingly vital role in transforming agriculture into a more efficient and sustainable industry. For mechanical engineering students, this presents an opportunity to merge core mechanical principles with intelligent data-driven technologies. ML algorithms analyze vast amounts of data collected from sensors, drones, and machinery to predict crop yields, optimize irrigation and fertilization. Mechanical systems such as autonomous tractors and smart irrigation setups benefit significantly from ML algorithms that improve their efficiency and adaptability to varying field conditions.

With a deeper understanding of machine learning, mechanical students can expand their impact in agriculture. They can contribute to designing and improving intelligent machines capable of autonomous operation, fault detection, and energy optimization. This interdisciplinary approach not only enhances the functionality of mechanical systems in farming but also prepares students for future challenges where the fusion of mechanical design and artificial intelligence is shaping the next generation of sustainable agriculture solutions.

Summary	
Meeting title	Five Day Online FDP on Machine Learning in Engineering Applications (4th -8th Jul
Attend participants	100
Start time	6/07/25, 5:51:44 PM
End time	6/07/25, 7:23:55 PM
Meeting duration	1h 32m 10s
Average attendance time	48m 11s

Participants			
Name	First Join	Last Leave	In Meeting Email Participant Role
sunilraj.m	6/07/25, 5:57:55 PM	6/07/25, 7 1h 25m 59	sunilraj.m@sunilraj.m@ Organizer
SWANTH A	6/07/25, 5:54:42 PM	6/07/25, 7 1h 29m 12	yeswanth.: yeswanth.: Organizer
VINOD KUMAR NAIDU	6/07/25, 5:57:38 PM	6/07/25, 7 1h 26m 17	vinod.p@vinod.p@p Organizer
Gayatri p	6/07/25, 6:15:39 PM	6/07/25, 7 1h 8m 15s	gayatri.p@gayatri.p@ Organizer
Omuravelli Prashanth	6/07/25, 5:54:44 PM	6/07/25, 7 1h 25m 35s	Presenter
NUMAKA SIVA SANKARI (Unverified)	6/07/25, 5:54:47 PM	6/07/25, 6 5m 13s	Attendee
Bharath Kumar	6/07/25, 5:55:09 PM	6/07/25, 7 1h 22m	bharathkui bharathkui Attendee
3a31a0330 (Unverified)	6/07/25, 5:57:19 PM	6/07/25, 5 17s	Attendee
ram Ganta (Unverified)	6/07/25, 5:57:40 PM	6/07/25, 5 9s	Attendee
3a31a0325	6/07/25, 5:58:21 PM	6/07/25, 6 28m 17s	23a31a032 23a31a032 Attendee
tulasi K	6/07/25, 5:58:40 PM	6/07/25, 7 1h 25m 14	tulasi.k@p tulasi.k@p Attendee
B111DS028	6/07/25, 5:59:33 PM	6/07/25, 5 2s	24B11DS0: 24B11DS0: Attendee
asad Gollavilli	6/07/25, 5:59:41 PM	6/07/25, 7 1h 21m 40s	Attendee
ahesh (Unverified)	6/07/25, 5:59:48 PM	6/07/25, 6 22s	Attendee
ram (Unverified)	6/07/25, 6:00:30 PM	6/07/25, 6 2m 39s	Attendee
vi Nani	6/07/25, 6:00:36 PM	6/07/25, 7 1h 23m 18s	Attendee
A35a0322 (P.SIVA SANKARI) (Unverified)	6/07/25, 6:00:38 PM	6/07/25, 7 1h 22m 19s	Attendee
VENKATA CHAITANYA (Unverified)	6/07/25, 6:00:40 PM	6/07/25, 7 1h 20m 33s	Attendee
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ani Deepika Mygapula (Unverified)	6/07/25, 6:00:51 PM	6/07/25, 7 1h 18m 55s	Attendee
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A31A0307 (Unverified)	6/07/25, 6:00:55 PM	6/07/25, 6 42s	Attendee
RISHA ASADI	6/07/25, 6:00:55 PM	6/07/25, 7 1h 22m 59	sirisha.a@' sirisha.a@' Attendee
a31a0345	6/07/25, 6:01:00 PM	6/07/25, 7 1h 22m 54	23a31a034 23a31a034 Attendee
V. Rama krishna (Unverified)	6/07/25, 6:01:34 PM	6/07/25, 6 52m 23s	Attendee
inash Gudimetla (Unverified)	6/07/25, 6:02:10 PM	6/07/25, 7 1h 21m 44s	Attendee
A31A0324 (Unverified)	6/07/25, 6:02:13 PM	6/07/25, 6 20m 26s	Attendee
ELLI LAXMANA RAJU	6/07/25, 6:03:40 PM	6/07/25, 6 48m 59s	Attendee
K Saroja Rani	6/07/25, 6:03:59 PM	6/07/25, 7 1h 19m 55	sarojarani. sarojarani. Attendee
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andhapu sarala (Unverified)	6/07/25, 6:04:40 PM	6/07/25, 7 1h 19m 14s	Attendee
V Lakshmi	6/07/25, 6:04:43 PM	6/07/25, 7 1h 19m 11	lakshmi.dv lakshmi.dv Attendee
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VICHANDRA VALLURI	6/07/25, 6:05:32 PM	6/07/25, 6 47s	24913020z 24913020z Attendee
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isha (Unverified)	6/07/25, 6:05:38 PM	6/07/25, 6 36m 22s	Attendee
anithi Nemani	6/07/25, 6:06:25 PM	6/07/25, 7 1h 17m 29s	Attendee
31a0320	6/07/25, 6:06:28 PM	6/07/25, 7 52m 31s	23a31a032 23a31a032 Attendee
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a Shankar narala (Unverified)	6/07/25, 6:07:06 PM	6/07/25, 7 1h 16m 48s	Attendee
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nan (Unverified)	6/07/25, 6:08:02 PM	6/07/25, 7 1h 5m 28s	Attendee
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kumar (Unverified)	6/07/25, 6:09:06 PM	6/07/25, 6 29m 34s	Attendee
anya (Unverified)	6/07/25, 6:09:14 PM	6/07/25, 6 1m 4s	Attendee
LYAN CHAKRAVARTHY (Unverified)	6/07/25, 6:09:32 PM	6/07/25, 7 1h 14m 22s	Attendee
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ma Chamundeswari	6/07/25, 6:10:13 PM	6/07/25, 7 1h 13m 41	suma.y@p suma.y@p Attendee

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COORDINATOR

HOD-ME

